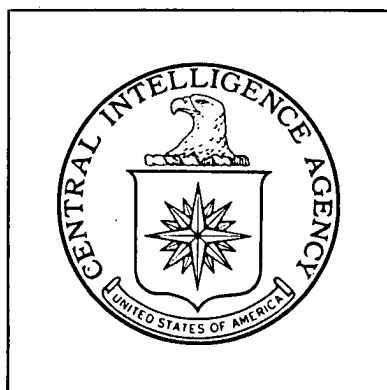


Top Secret



**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Major Electric Power Plants

Kansu Province, China



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DATE May 1971
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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report, based on 1970 photography, updates previous basic reporting on five of the major electric power plants in Kansu Province, north-central China. The cut-off date for information in this report is February 1971.

No changes were observed at the Shang-hsuan Hydro Power Plant and the Lan-chou Thermal Power Plant. The dam at the Lien-hua-cheng Hydro Power Plant appeared functionally complete for the first time; a second stack was observed at the Chia-yu-kuan Thermal Power Plant; and a fourth transformer, which did not appear to be connected to the generator hall, was observed at the Chih-chin-hsia Thermal Power Plant.

On the latest coverage, the three thermal power plants were operating and the Shang-hsuan Hydro Power Plant was possibly operating. The Lien-hua-cheng Hydro Power Plant did not appear to be operational.

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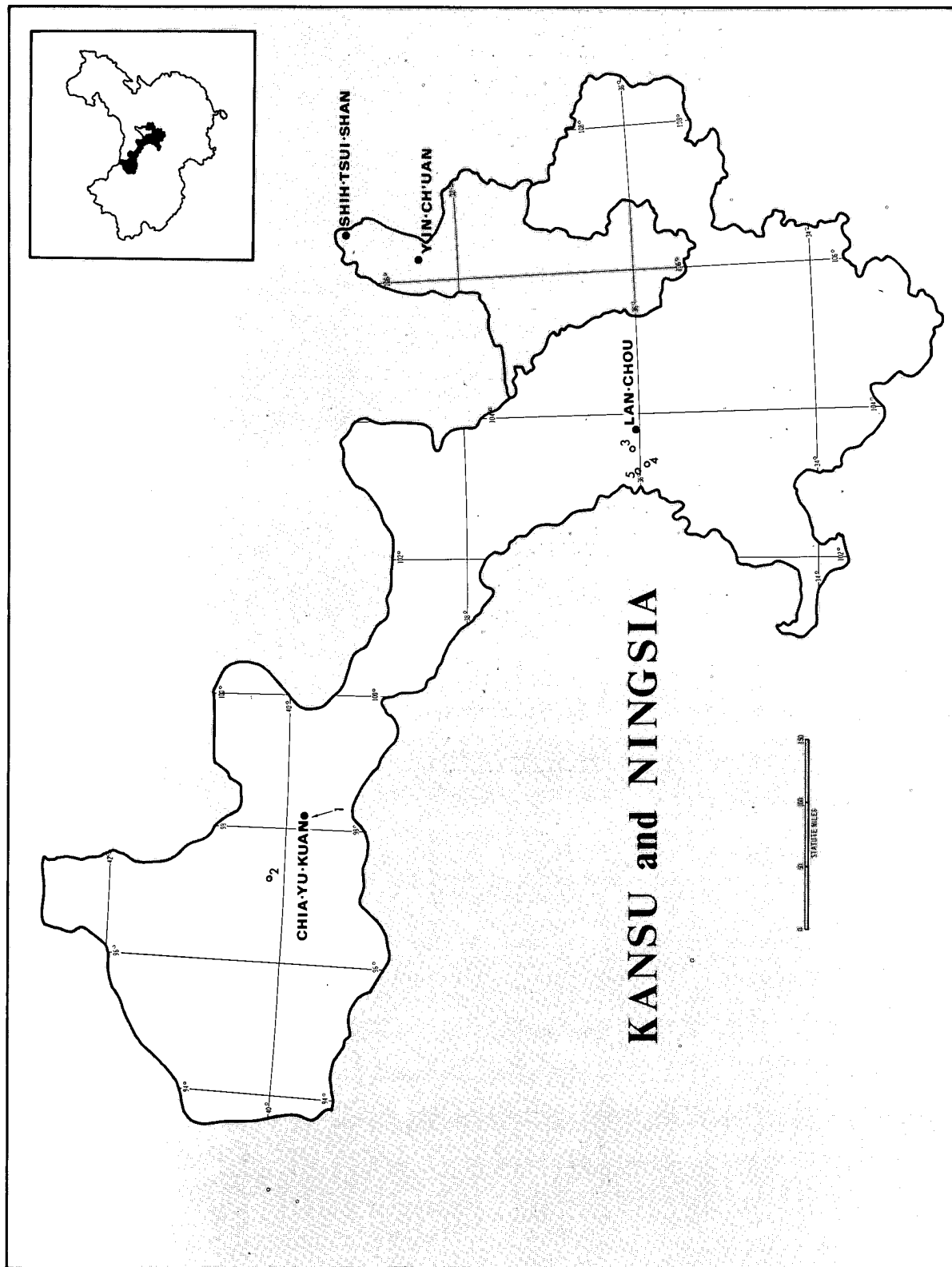


FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report covers five of the major electric power plants in Kansu Province (see Figure 1).

1. Chia-yu-kuan Thermal Power Plant
2. Chih-chin-hsia Thermal Power Plant
3. Lan-chou Thermal Power Plant Hsi-ku
4. Lien-hua-cheng Dam Hydro Power Plant Liu-chia Gorge
5. Shang-hsuan Hydro Power Plant Yen-kuo Gorge

Requirement

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Lan-chou Thermal Power Plant Hsi-ku		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
48SUQ758996	36-07-49N 103-37-16E	
MAP REFERENCE		
ACIC. USATC, Series 200, Sheet M0383-22HL, 3rd ed, Dec 68, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

No changes have been observed at the Lan-chou Thermal Power Plant Hsi-ku since December 1969, the date of the latest photography used in the previous report.

The plant was operating in July 1970. Heavy smoke was coming from both stacks. Vapor was also coming from an undetermined number of probable vents on the northwest side of both boilerhouses.

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INSTALLATION OR ACTIVITY NAME

COUNTRY

Shang-hsuan Hydro Power Plant Yen-kuo Gorge

CH

UTM COORDINATES

GEOGRAPHIC COORDINATES

48SUQ445918

36-03-30N 103-16-32E

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MAP REFERENCE

ACIC. USATC, Series 200, Sheet M0383-21HL, 3rd ed, Jul 68, Scale 1:200,000

(SECRET)

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LATEST IMAGERY USED

NEGATION DATE (If required)

NA

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BASIC DESCRIPTION

No changes have been observed at the Shang-hsuan Hydro Power Plant Yen-kuo Gorge since December 1969, the date of the latest photography used in the previous report. As on previous coverage, no switching yard or transmission lines were visible.

The plant was possibly operating at a low level in July 1970. A small amount of turbulence was observed in the tailrace.

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